

What is claimed is:

1. Cooled turbine component for film cooling in a gas turbine engine comprising:

5 a main body;

a film cooling hole which is formed in the main body, and the hole further includes an inlet opening which is provided on an inlet side surface of the main body and an spurt out opening which is provided on an outlet side surface of the main body, and compressed air which is bled from a compressor or a fan introduces to the cooling hole from the inlet opening for providing cooling air, and the cooling air spurt out from the spurt out opening, and the cooling hole

is slanted to the thickness direction of the component body so that the cooling air form a cooling film which coats and protects the surface of the main body; and

15 a partition wall which is provided on the bottom surface of the outlet side of the film cooling hole, and the partition wall is extended from the outlet side of the cooling hole to the inlet side of the cooling hole being viewed from the side opposing to the spurt out opening.

2. The cooling turbine component of claim 1, wherein the partition wall is at right angle to the expansion direction of the spurt out opening, and the partition wall divides the spurt out opening.

3. The cooling turbine component of claim 2, wherein the partition wall divides the spurt out opening into at least two spurt out openings.

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4. Cooled turbine blade for film cooling in a gas turbine engine

comprising:

a blade body including a cooling passage which is provided inside the blade body, and some part of compressed air which is bled from a compressor or a fan equipped

5 with the gas turbine engine is flowed in the passage;

a film cooling hole which is provided on the surface of the blade body to communicate with the cooling passage, and the film cooling has an inlet opening which is formed on the inlet side of the blade body and at least one pair of wedge shaped spurt out opening which are formed on the outlet side of the blade body, the cooling air passes to the outlet opening from the inlet opening, and the hole is slanted to the thickness direction of the blade body so that the cooling air uniformly flows across the surface of the blade body; and

a partition wall which is provided on the outlet side of a bottom wall of the film cooling hole, and the wall is extended to the inlet side from the outlet side of the blade body being viewed from the side opposite to the spurt out opening.

5. The cooled turbine blade of claim 4, wherein the partition wall is at right angle to the expansion direction of the spurt out opening, and the partition wall divides the spurt out opening.

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6. The cooled turbine blade of claim 5, wherein the partition wall divides the spurt out opening into at least two spurt out openings.